

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**  
**Re-accredited by NAAC with 'A+' Grade (4th Cycle)**  
**College of Excellence (UGC) Coimbatore - 641 029**

**DEPARTMENT OF BOTANY**

**COURSE OUTCOMES (CO)**

**Certificate Course in Eco Farming Techniques**

**For the students admitted  
in the Academic Year 2022-2023**

**22CET101**

<b>Programme Code: 05</b>	<b>CERTIFICATE COURSE – Eco farming Techniques</b>		
<b>C.P. 1. INTRODUCTION TO ECO FARMING TECHNIQUES</b>			
<b>Batch 2022-2023</b>	<b>Hours / Week 2</b>	<b>Total Hours 30</b>	<b>Credits 2</b>

**COURSE OBJECTIVES**

- To discern the basic necessity of organic farming.
- To develop skills in organic manuring of agricultural soil.
- To inherit in build knowledge on safe and healthy self-utilization, self-employment and entrepreneurial skills

**COURSE OUTCOMES**

On successful completion of the course, the students will be able to

K1 ↑ ↓ K5	CO1	Know about preliminary techniques of farming practices.
	CO2	Understand the necessary ecological skills to maintain the fertile soil.
	CO3	Acquire knowledge on preparation of organic fertilizers and their varied applications
	CO4	Investigations on acquired techniques to achieve safe environment and to acquire healthy life.
	CO5	Implement the acquired knowledge on organic cultivation and marketing.

**22CET102**

<b>Programme Code: 05</b>	<b>CERTIFICATE COURSE – Eco farming Techniques</b>		
<b>C.P. 2. ORGANIC HORTICULTURE TECHNIQUES</b>			
<b>Batch 2022-2023</b>	<b>Hours / Week 2</b>	<b>Total Hours 30</b>	<b>Credits 2</b>

**COURSE OBJECTIVES**

- To recognize the importance of organic horticulture
- To develop skills in quality enhancement of horticultural products
- To configure knowledge on self- employment and entrepreneurial skills

**COURSE OUTCOMES**

On successful completion of the course, the students will be able to

K1 ↑ ↓ K5	CO1	Understand preliminary techniques on horticultural practices
	CO2	Disseminate knowledge on necessary techniques to maintain the quality of fresh products
	CO3	Acquire knowledge on Propagation techniques, preparation of organic fertilizers and their application
	CO4	Analyses various schemes to accomplish ecofriendly agricultural approach
	CO5	Application of acquired knowledge on horticultural organic cultivation practices and marketing

<b>Programme Code: 05</b>		<b>CERTIFICATE COURSE – ECO FARMING TECHNIQUES</b>		
<b>CORE PRACTICAL 1: ECO FARMING TECHNIQUES</b>				
<b>Batch</b> 2022-2023	<b>Semester</b> I	<b>Hours / Week</b> 2	<b>Total Hours</b> 30	<b>Credits</b> 2

### COURSE OBJECTIVES

- To equip knowledge on the preparation of organic nutrients
- To imbibe knowledge on less toxic farming practices.
- To prepare quality products of high marketing value.

### COURSE OUTCOMES

On successful completion of the course, the students will be able to

K3 ↑ ↓ K5	CO1	Understand the concept of organic farming to conserve environment through ecologically balanced techniques
	CO2	Investigate the barriers of organic farming and horticulture.
	CO3	Implement the acquired knowledge on commercial applications of organic farming
	CO4	Implantation of healthy practices in kitchen garden and other horticultural practices
	CO5	Inculcate inherent knowledge on preparations of organic fertilizers using various appropriate procedures

<b>Programme Code: 05</b>		<b>CERTIFICATE COURSE – ECOFARMING TECHNOLOGY</b>		
<b>CASE STUDY ANALYSIS</b>				
<b>Batch</b> 2022-2023	<b>Semester</b> I	<b>Hours / Week</b> 2	<b>Total Hours</b> 30	<b>Credits</b> 2

### COURSE OBJECTIVES

- ❖ To find opportunities and actions to increase the demand of organic farming
- ❖ To recommend management policies on the basis of opinion of farmers and other local stakeholders
- ❖ To know critical thinking and problem solving skills in agricultural farming

### COURSE OUTCOME

On successful completion of the project work, the students will be able to

K3 ↑ ↓ K5	CO1	To understand the current event issues that are occurring in agriculture
	CO2	To documents the challenges faced during organic farming
	CO3	To Gain knowledge on self – identify towards farming behaviour
	CO4	To acquire knowledge on Ancient Traditional practices and its relevant to modern agricultural practices
	CO5	Recognize and examine the relationships between inputs and outputs of farming